

FIG. 1

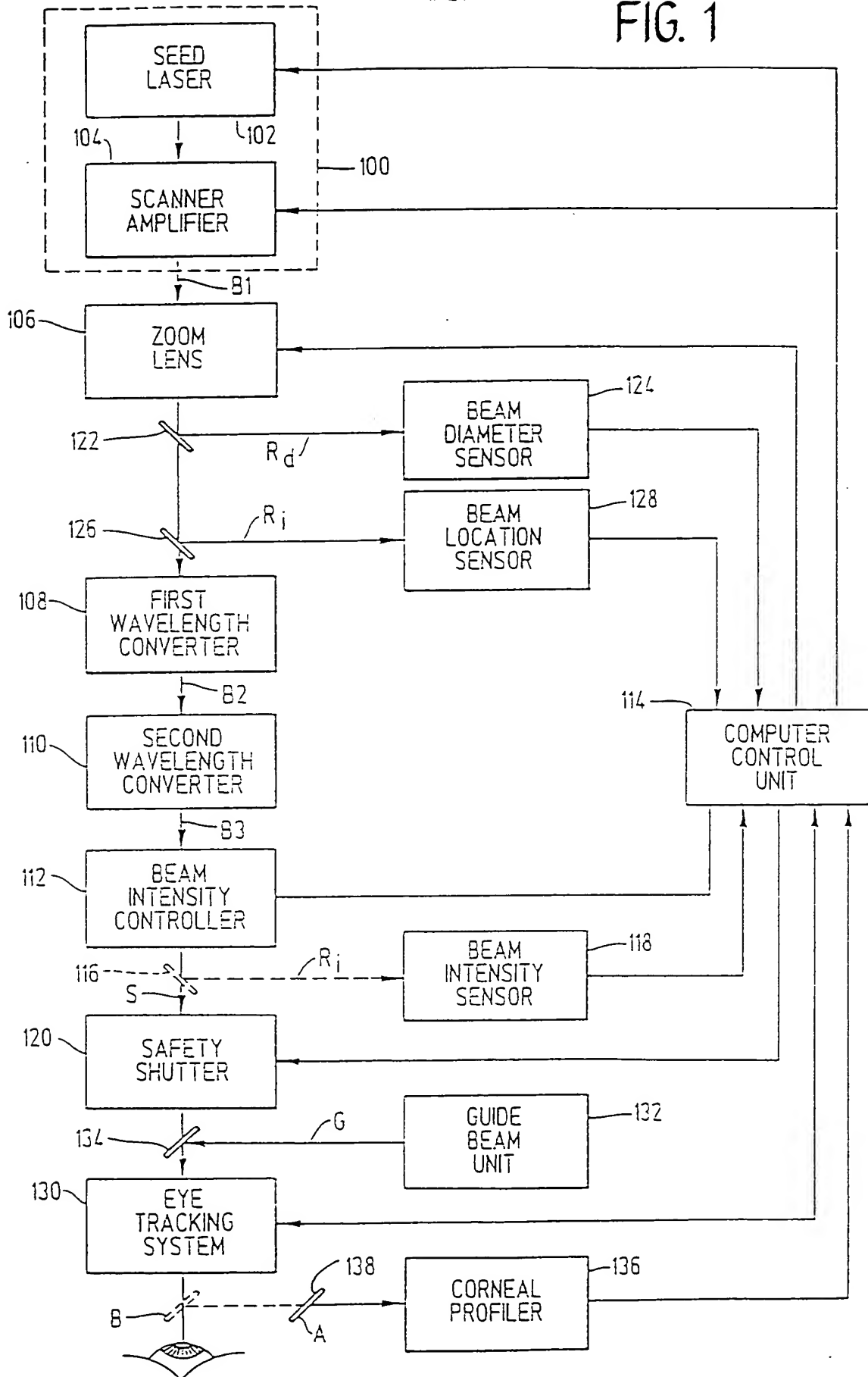


FIG. 2A

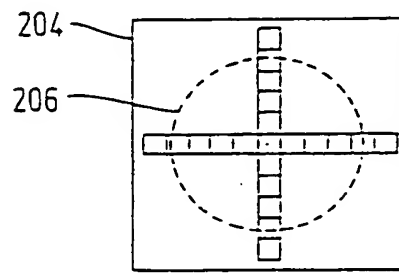
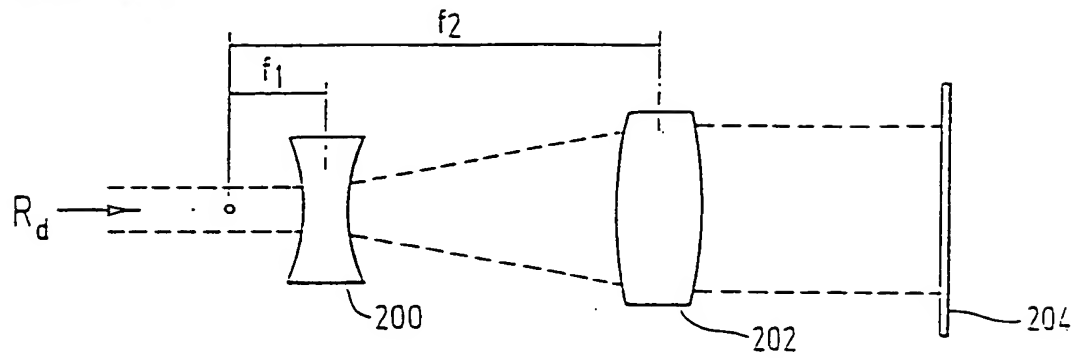


FIG. 2B

FIG. 3A

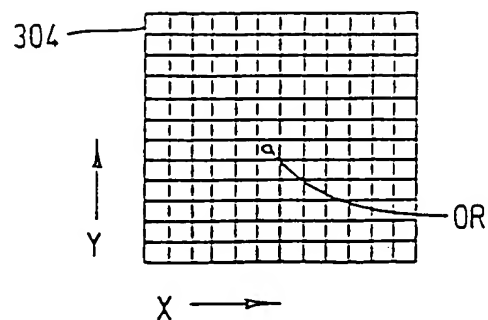
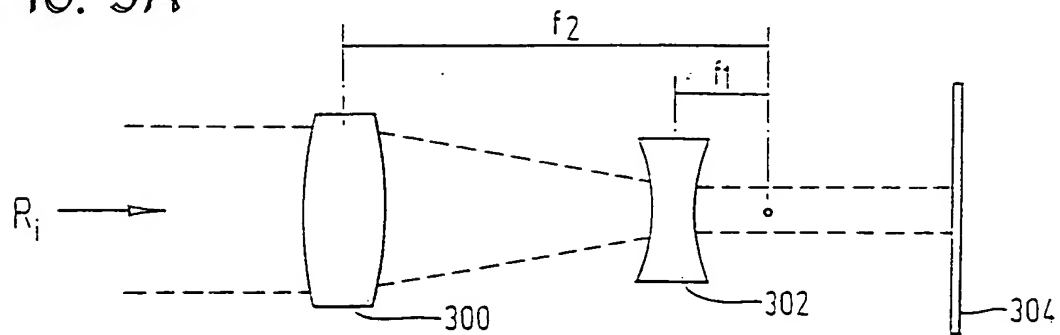


FIG. 3B

FIG. 4A

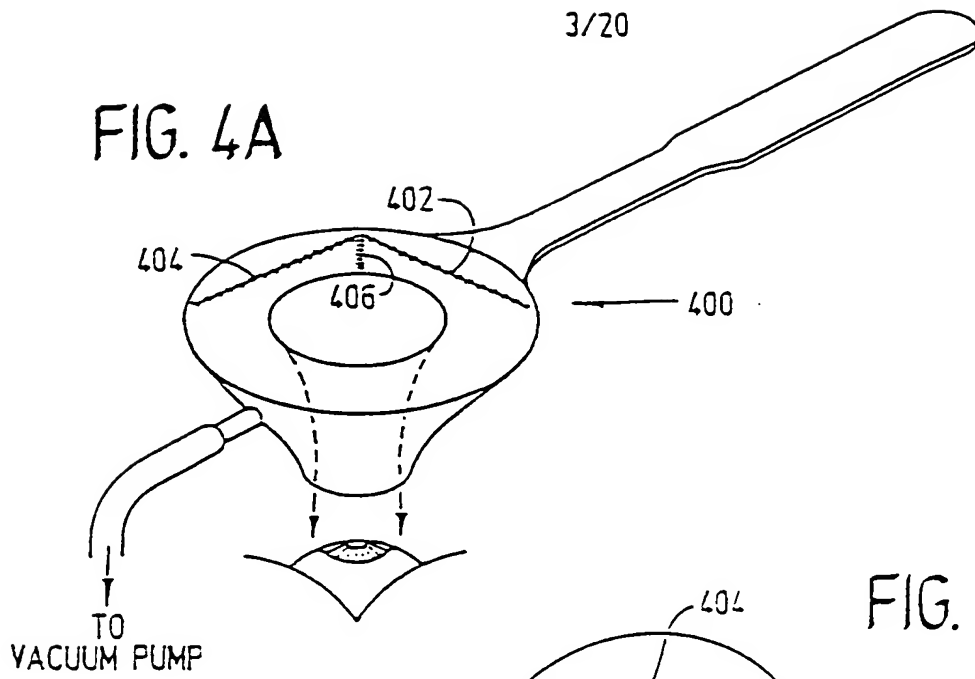


FIG. 4B

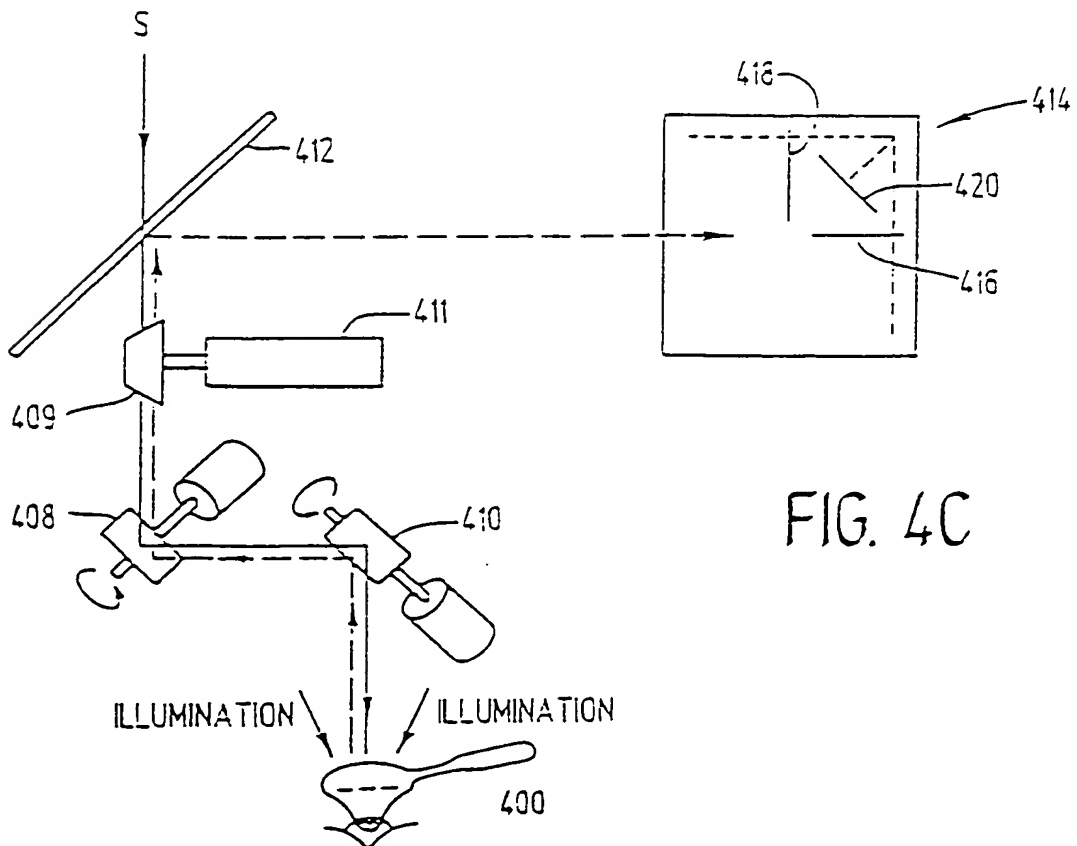
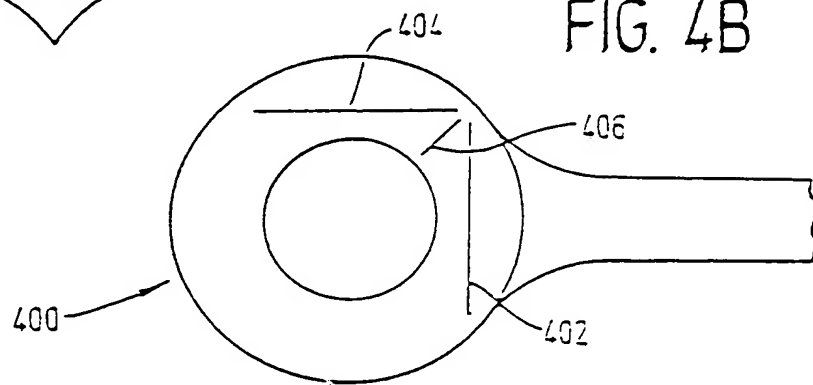


FIG. 5A

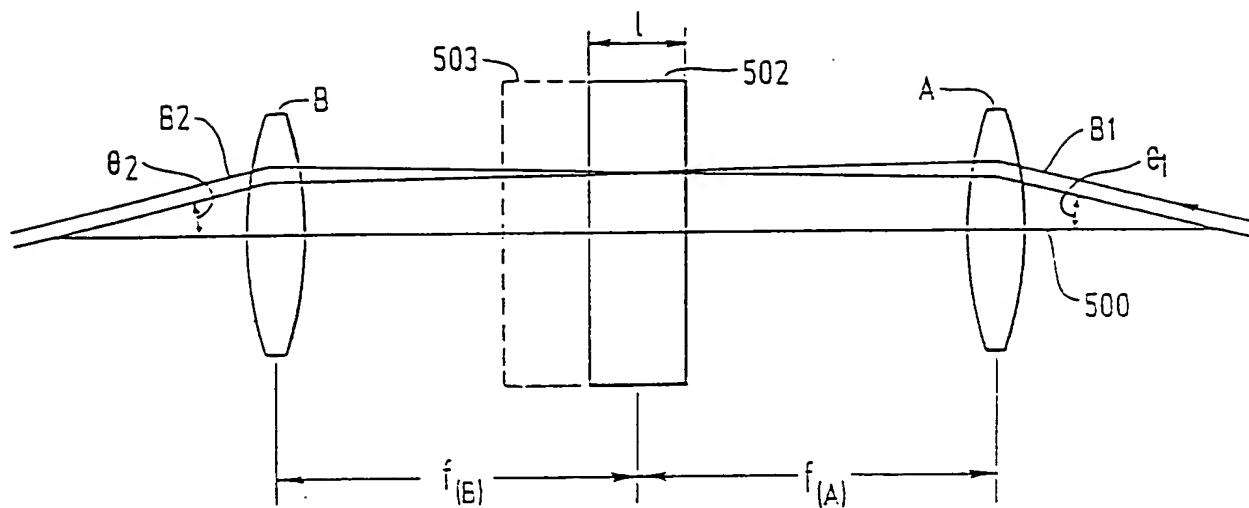


FIG. 5B

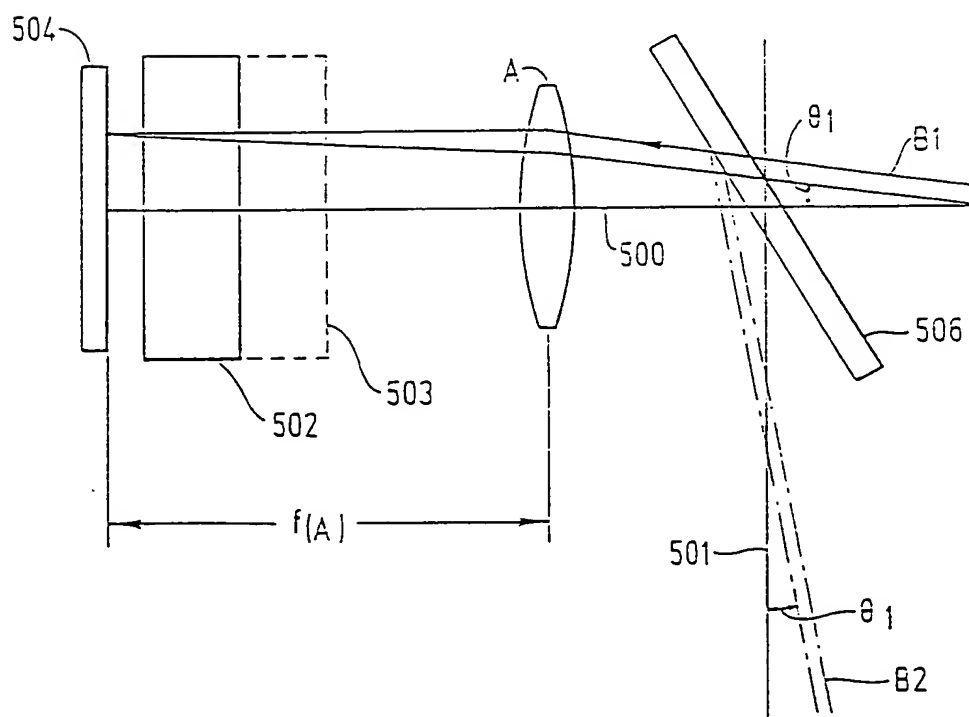




FIG. 6A PRIOR ART



FIG. 6B PRIOR ART

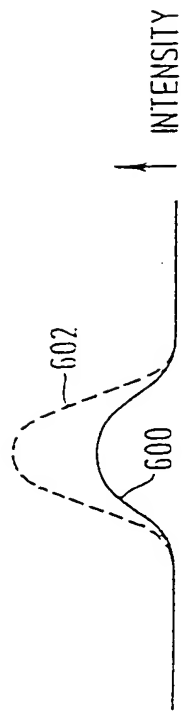


FIG. 6C PRIOR ART

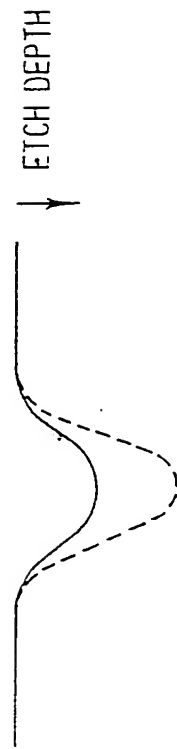


FIG. 6D PRIOR ART



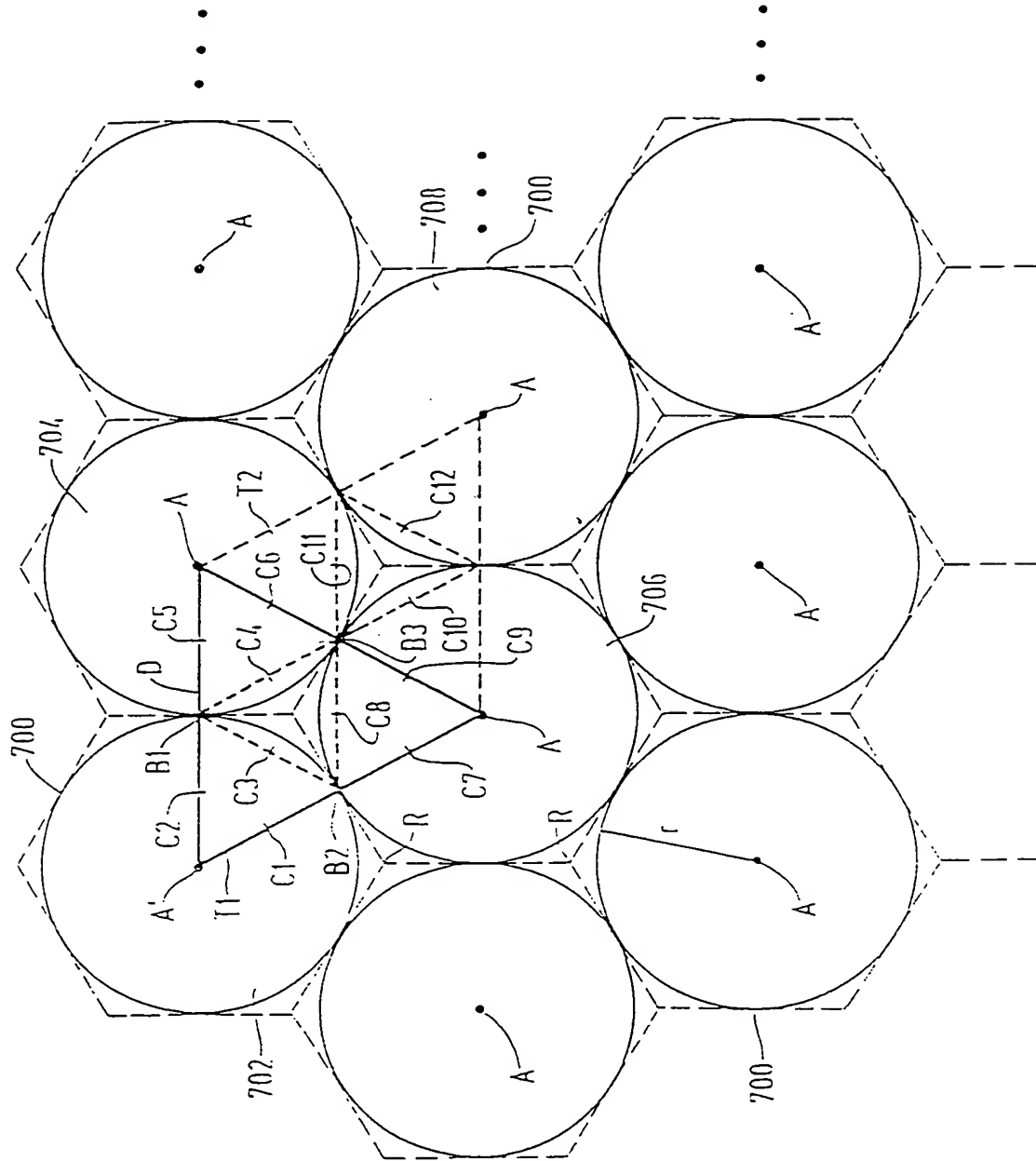
FIG. 6E PRIOR ART



FIG. 6F PRIOR ART



FIG. 6G PRIOR ART



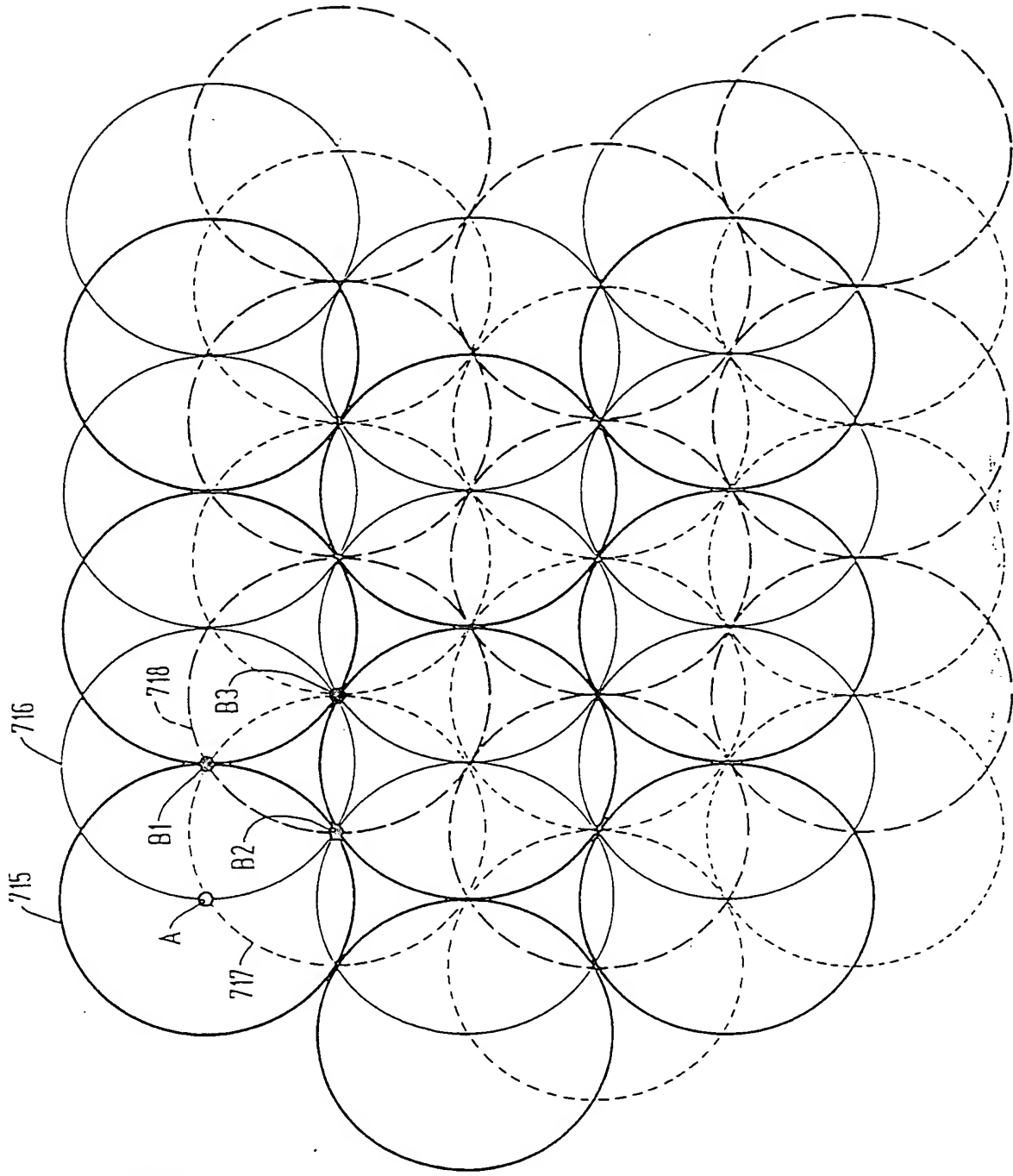


FIG. 7B

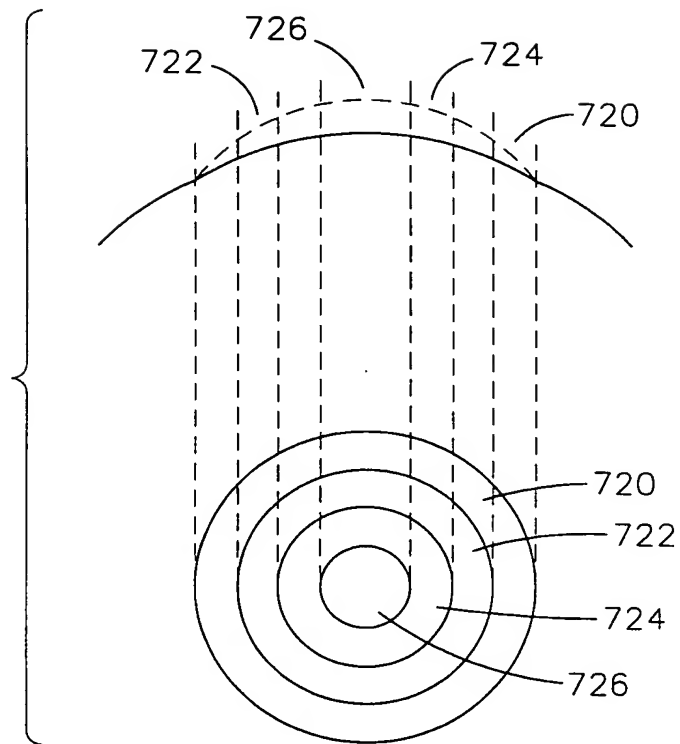


FIG. 7C



LEVEL 1

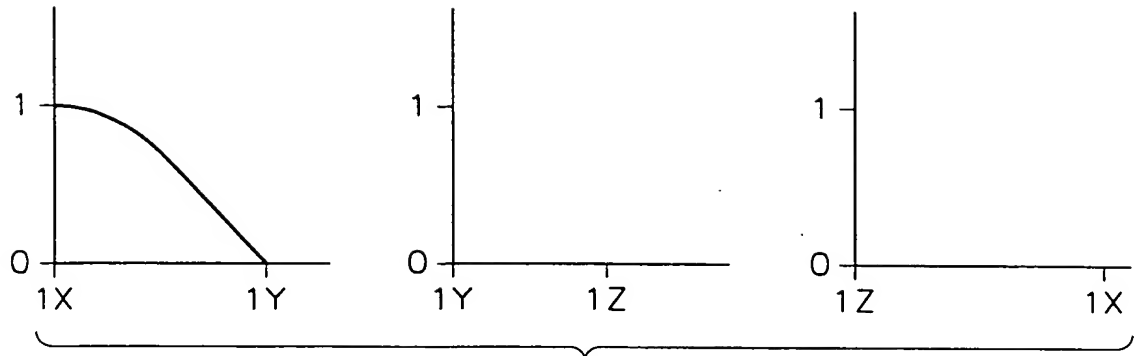


FIG. 7D1

LEVEL 2

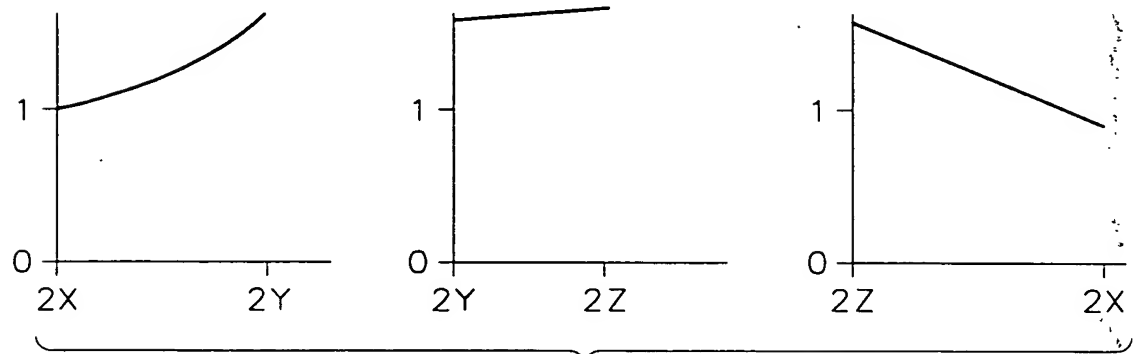


FIG. 7D2

LEVEL 3

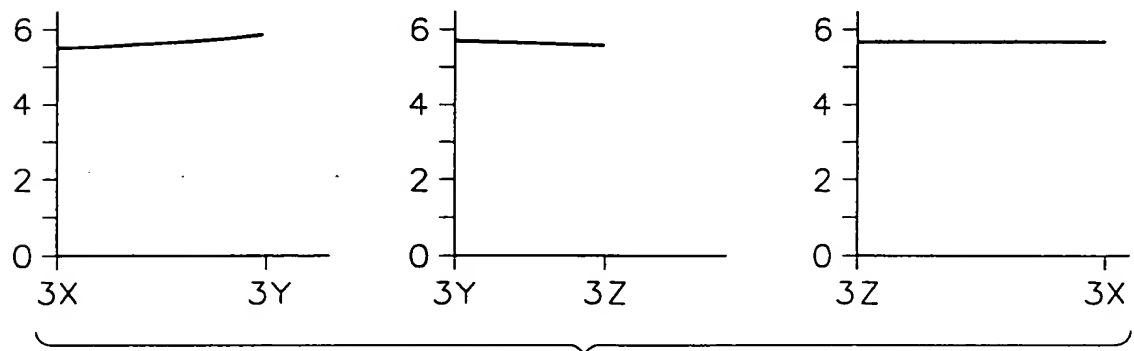


FIG. 7D3

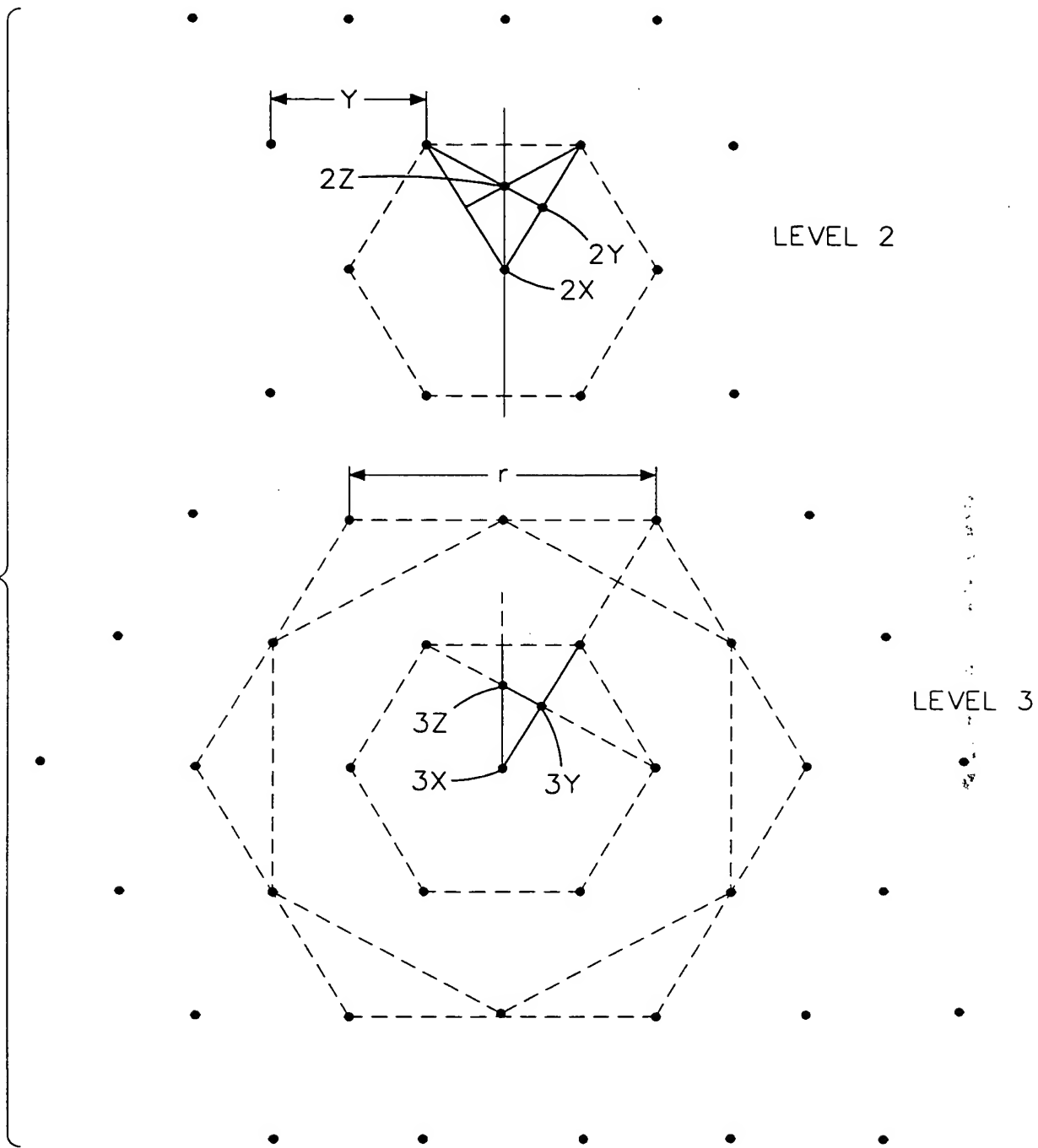


FIG. 7E

FIG. 8

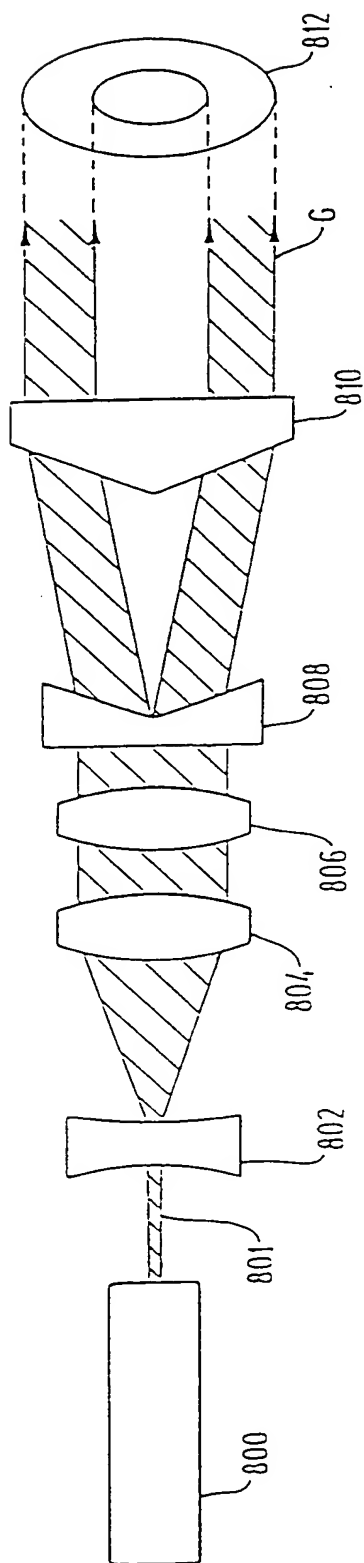


FIG. 9A

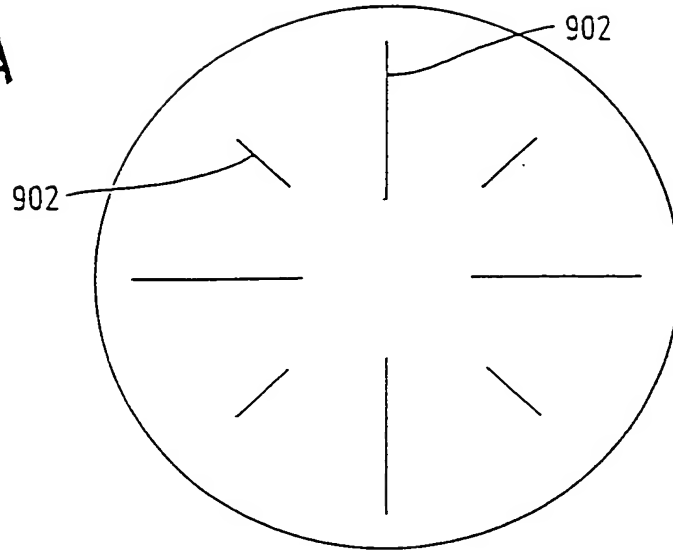


FIG. 9B

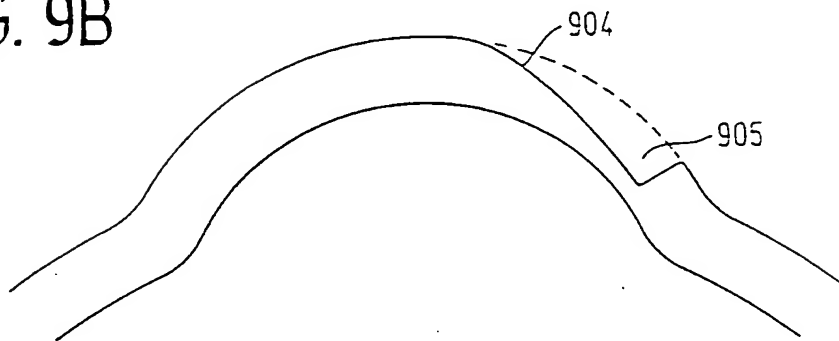


FIG. 9C

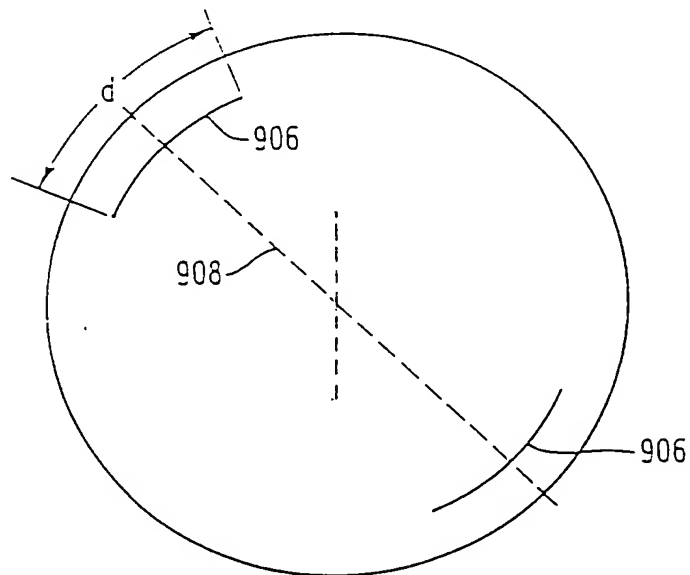


FIG. 10A

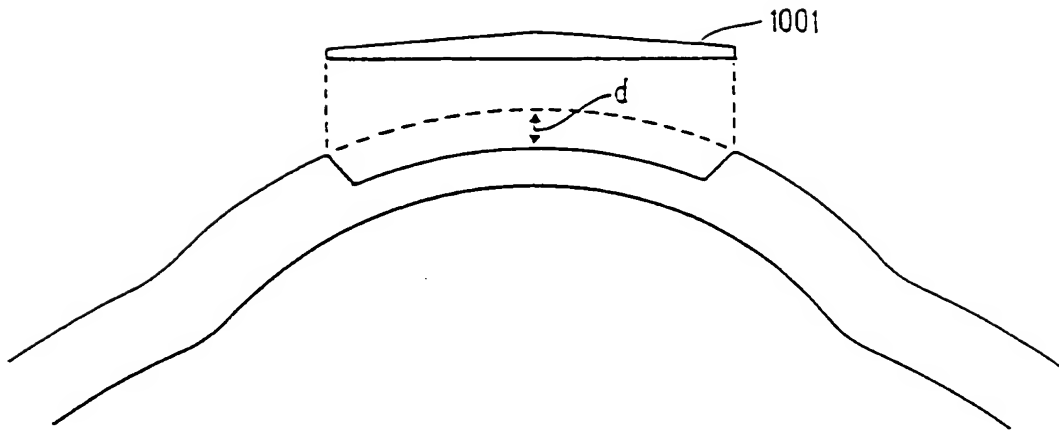


FIG. 10B

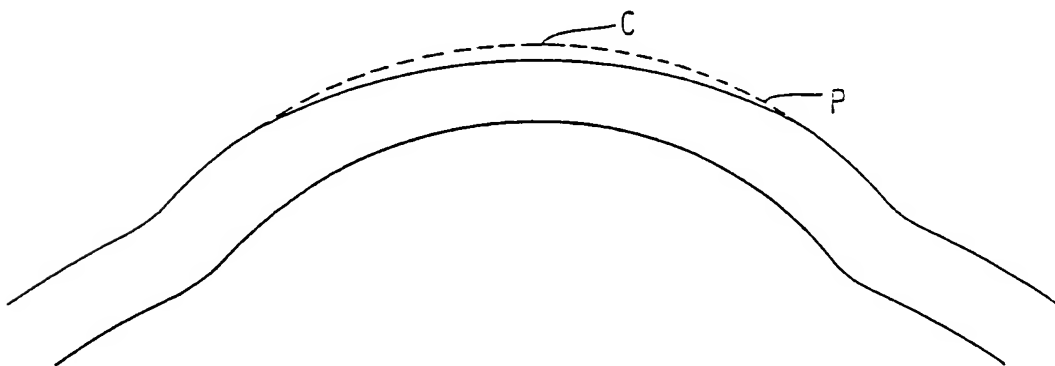


FIG. 10C

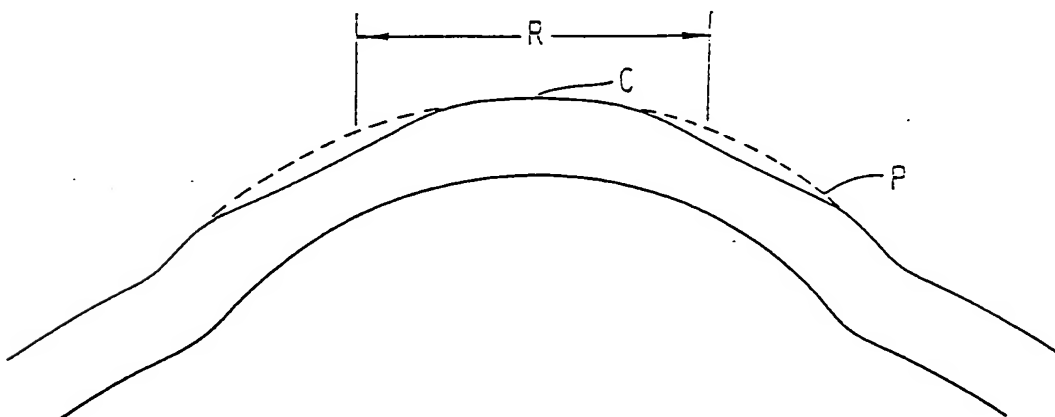


FIG. 11

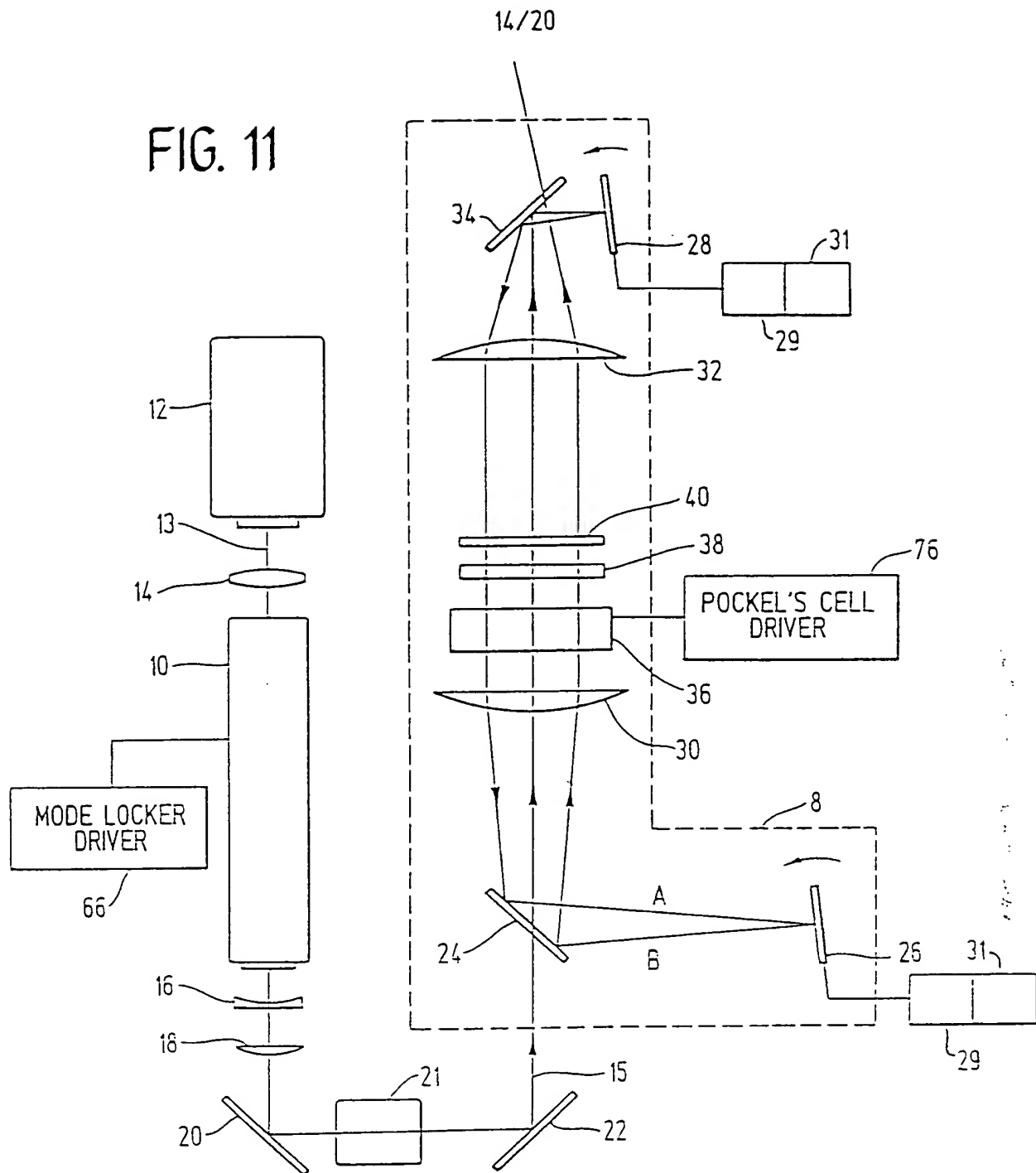


FIG. 11A

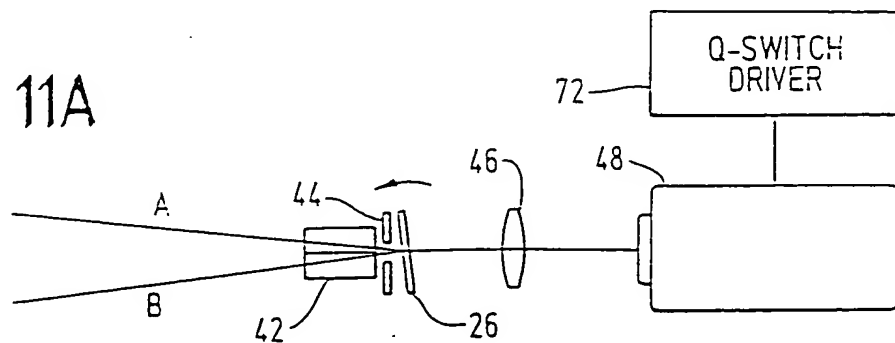


FIG. 12A

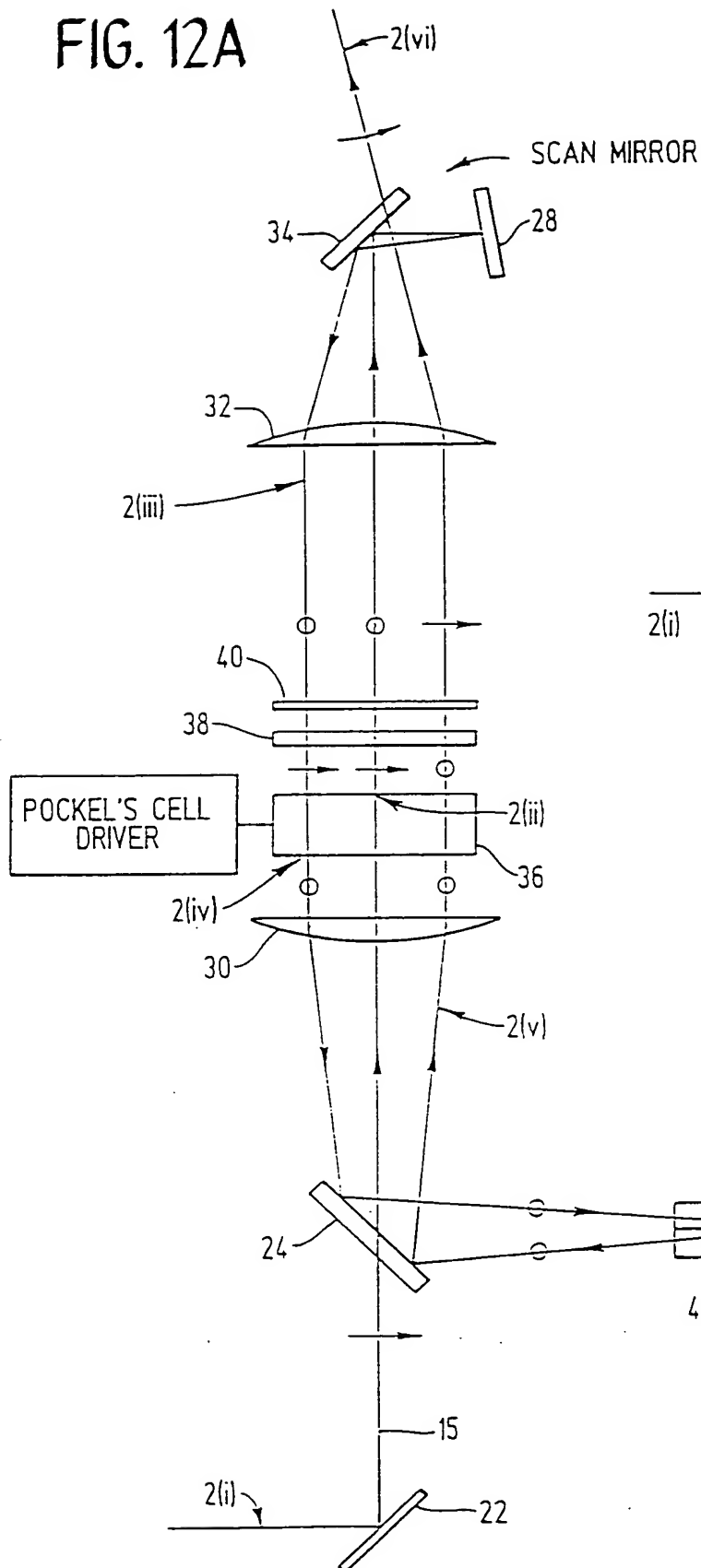


FIG. 12B

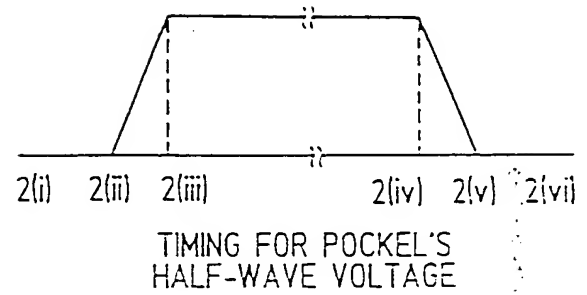


FIG. 13

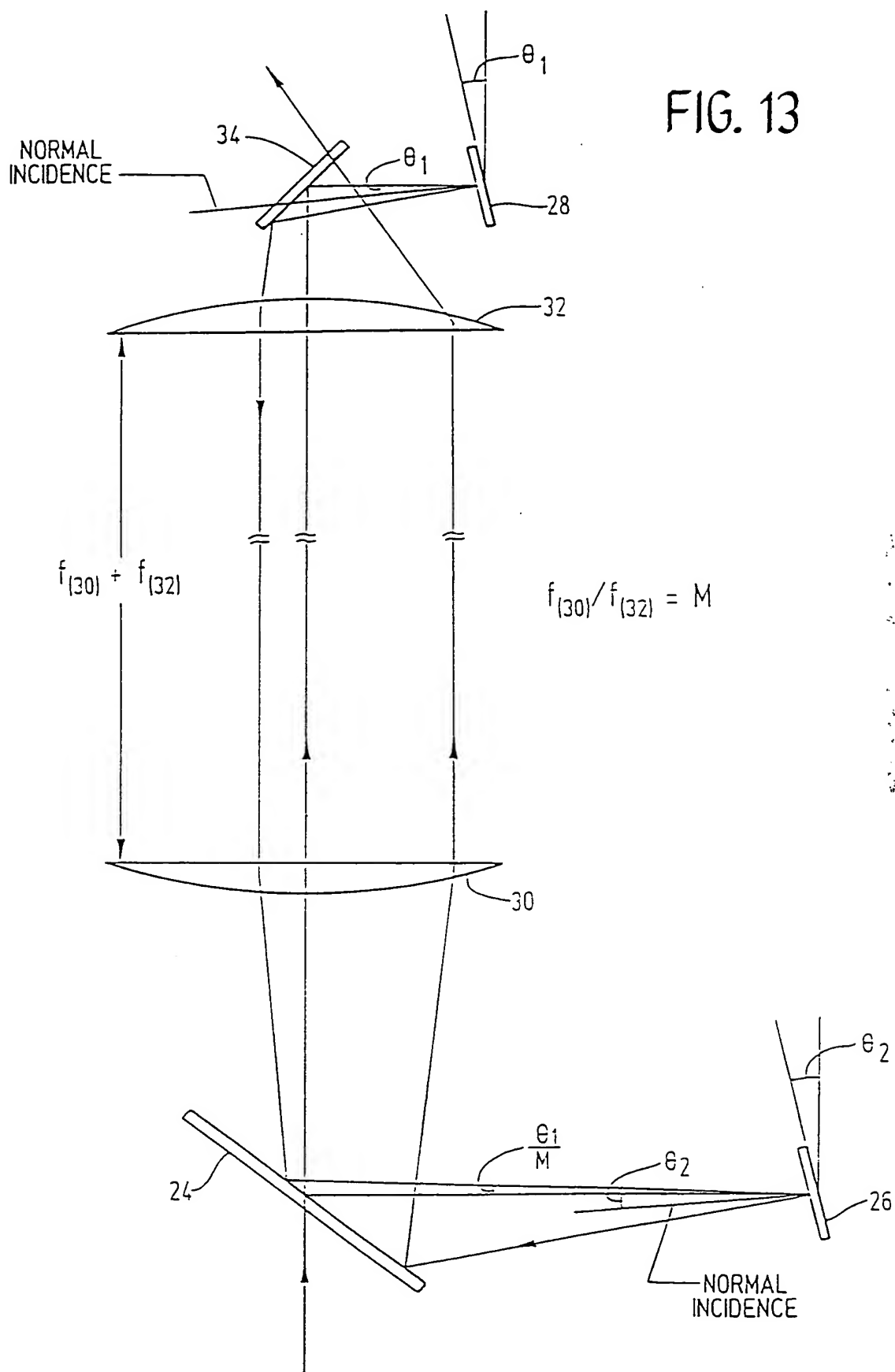




FIG. 14A

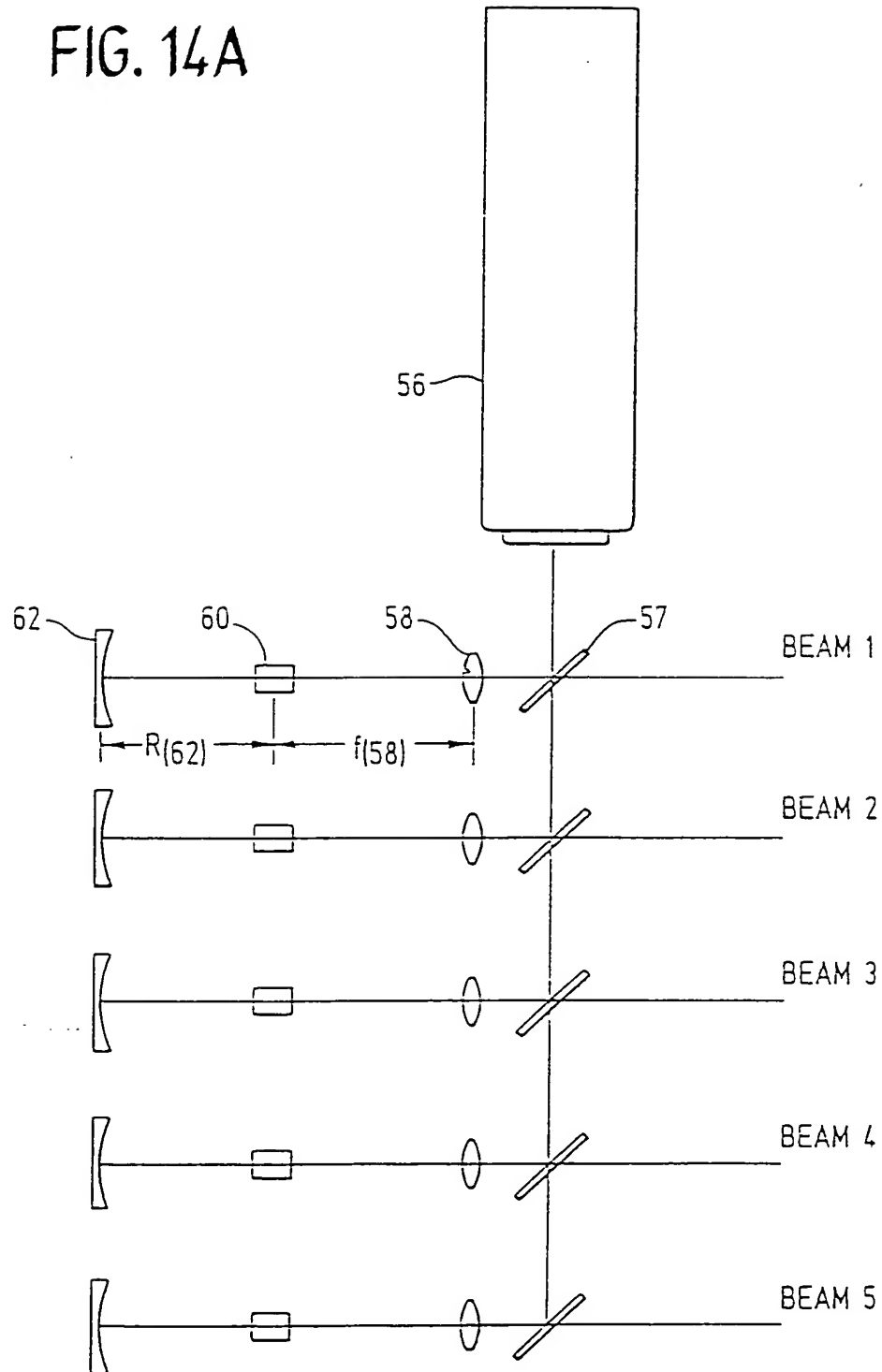


FIG. 14B

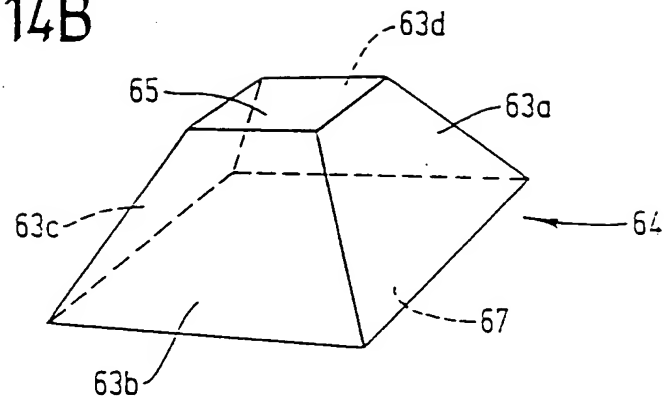


FIG. 14C

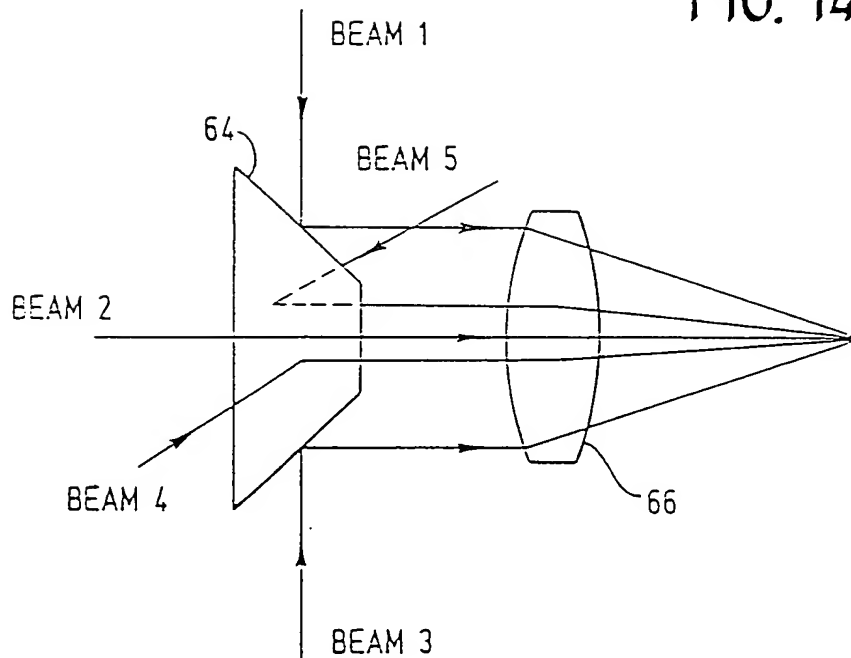


FIG. 15A

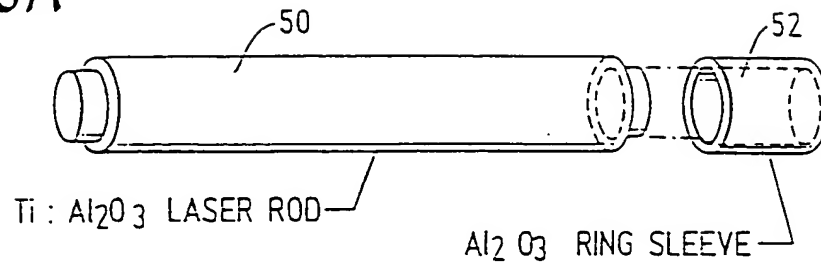


FIG. 15B

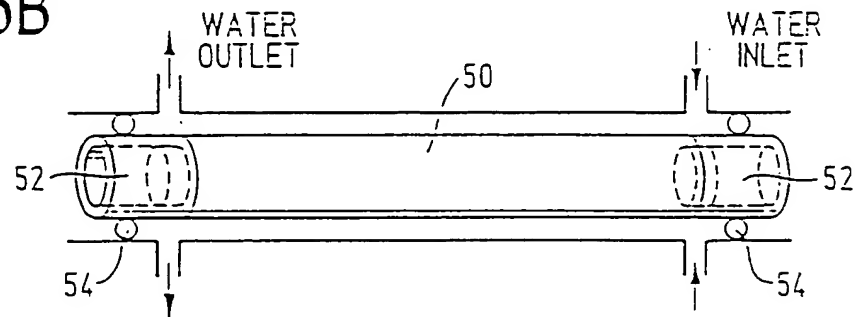


FIG. 16

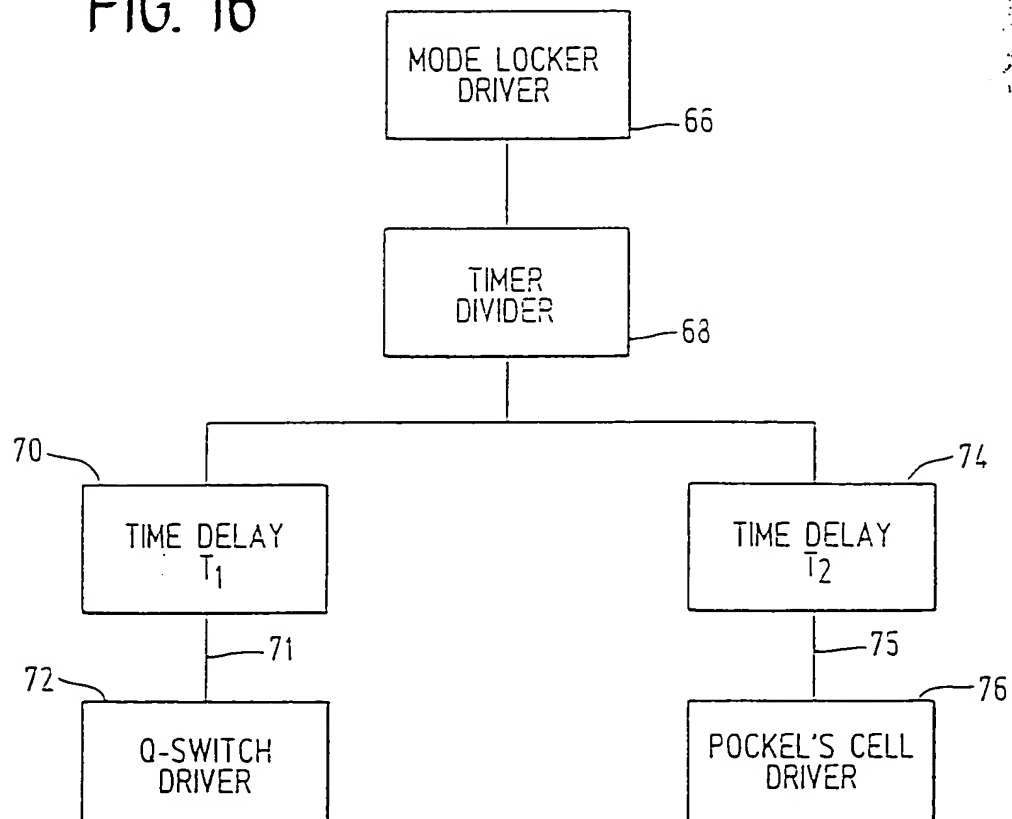
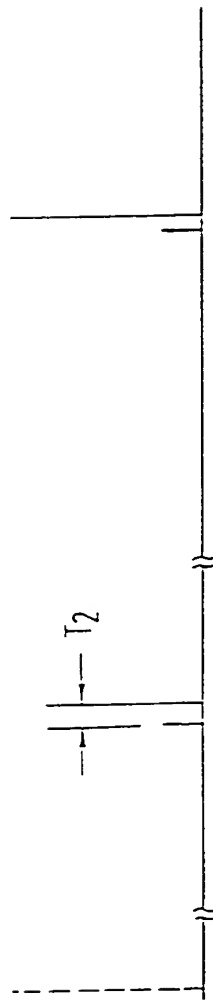


FIG. 17A



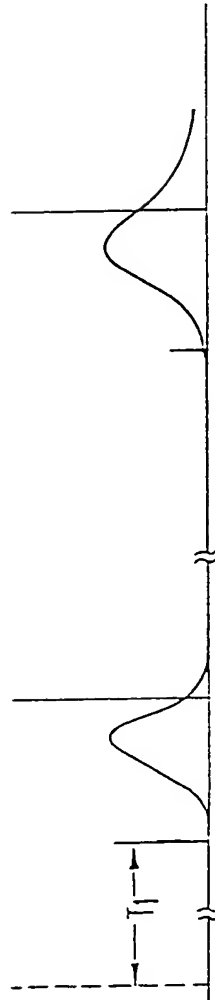
MODE LOCKER LASER PULSE

FIG. 17B



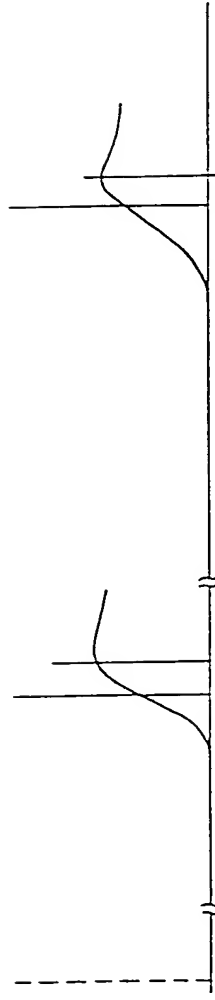
SYNCHRONIZATION PULSES  
FROM THE TIMER DIVIDER

FIG. 17C



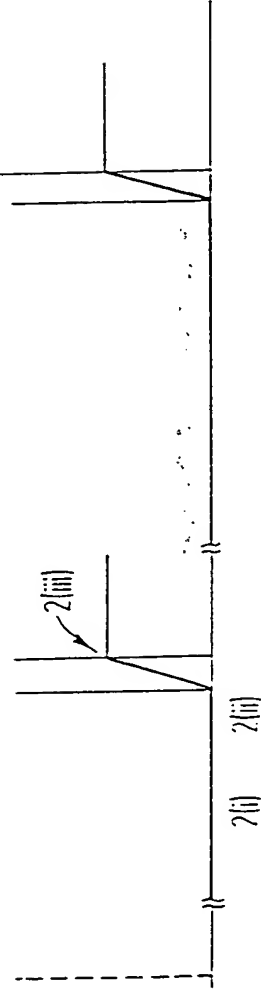
Q-SWITCH TRIGGER PULSES  
AND PUMP LASER BUILD UP

FIG. 17D



Ti :  $Al_2O_3$  LASER BUILD-UP

FIG. 17E



POCKEL'S CELL SWITCH TIMING